



Hurley Marine
Underwater Lighting
Sea-Vue Series

RGB Sea-Vue™

Underwater Lights

Quick Start Guide

IMPORTANT SAFETY INSTRUCTIONS

Save these instructions. This manual contains important safety and operating instructions for RGB Sea-Vue™ Underwater LED Lights.

**CAREFULLY READ THESE INSTRUCTIONS BEFORE
INSTALLING OR USING PRODUCT.**



Battery posts, terminals and related accessories contain lead and lead components, and other chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always wash your hands after handling these devices.

Do not operate the Sea-Vue™ Lights with damaged power cables. Replace damaged product immediately.

EXCESSIVE MOISTURE: Do not expose electrical connections to direct water contact or submersion.

LOCATION OF POWER CABLES: Make sure all electric power cables are located so that they cannot be stepped on, tripped over, chafed or otherwise be subjected to damage or stress.

WIRING: All wiring should be completed by a certified electrician.

OVER TEMPERATURE PROTECTION:

Sea-Vue Lights are equipped with an over temperature protection circuit that will dim the lights if they inadvertently over heat. Ensure the lens and backing plate are kept clean at all times. Failing to do so will result in excessive heat build up and poor light performance. Do not use abrasive or sharp objects to clean the housings and glass lens.

Technical Specifications (DC)	
DC Input Voltage	10 - 30 VDC
DC Input Current (per light)	2.5.A @ 12v / 1.15A @ 24v
Control Box Draw - Lights Off	12 volt = 30ma

**Wire Size Recommendations
Conductor Sizes (AWG) for 3% Voltage Drop**

Length of conductor from source of current to the product and back to the source - in feet

Total Current on Circuit	Length of conductor from source of current to the product and back to the source - in feet							
	10'	15'	20'	25'	30'	40'	50'	60'
5 amps	18	16	14	12	12	10	10	10
10 amps	14	12	10	10	10	8	6	6

All wiring must be carried out by a suitably trained/qualified electrician using ABYC guidelines. With low voltage DC wiring the risk of fire may be present if wiring is not correctly installed.

LIMITED WARRANTY AND LIMITATION OF LIABILITY

All electrical components manufactured under Hurley Marine, Inc., are warranted to be free from defects in material and workmanship under normal and proper use for a period of 90 days from date of shipment from Hurley Marine, Inc. No claim for breach of warranty will be allowed unless the material or workmanship is found defective within the warranty period, properly documented by buyer and Hurley Marine, Inc. is notified in writing within 10 days from failure. This warranty shall not apply to products that have been disassembled, altered, or utilized in a manner not approved by Hurley Marine, Inc. or subjected to normal wear and tear, abuse, misuse, improper maintenance, negligence or accident.

CUSTOMER AGREES THAT USE OF THE PRODUCT/SERVICE IS ENTIRELY AT CUSTOMER'S OWN RISK. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE ACCEPTED BY BUYER IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. Buyer's sole remedy in the event of a breach of the forgoing warranties is the repair or replacement of the affected product by Hurley Marine, Inc., upon the return of the product transportation charges prepaid to Hurley Marine, Inc., and after a charge to buyer for the use of the product prior to its return. BUYER AGREES THAT IN NO EVENT WILL HURLEY MARINE, INC'S LIABILITY FOR ALL LOSSES FROM ANY CAUSE, WHETHER BASED ON CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE, EXCEED BUYER'S NET PURCHASE PRICE, NOR WILL HURLEY MARINE, INC, BE LIABLE FOR ANY SPECIAL, INCIDENTAL CONSEQUENTIAL OR EXEMPLARY DAMAGES.

Under no circumstances is Hurley Marine, Inc. responsible for reimbursement of expenses related to vessel haul-outs, technician or yard personnel, travel expenses, yacht storage, labor performed during removal and/or replacement of fixture(s), or shipping costs for replacement parts and/or repairs. These are assumed liabilities of the customer and part of the terms of sale between Hurley Marine, Inc. and its customer.

The foregoing warranties will continue in effect for so long as the product is serviced and maintained in accordance with Hurley Marine, Inc. instructions and with genuine Hurley Marine, Inc. manufactured replacement parts. These warranties may not be altered or amended except by a written instrument signed by buyer and a duly authorized officer of Hurley Marine, Inc. For warranty or service assistance contact your Hurley Marine, Inc. dealer.

TERMS OF SALE / SHIPPING

RETURN POLICY: If you are dissatisfied with your purchase, contact us within 30 days from the date of product purchase. Products returned within 30 days of their receipt, unopened in their original packaging and otherwise in new condition will automatically be exchanged or refunded. A minimum fee of 25% of the price of the product will be charged for inspection, repacking and restocking for items not returned in their original condition. Other fees may apply depending upon the condition of the item. Products are not returnable after 30 days.

EXCHANGE / REFUND PROCEDURE:

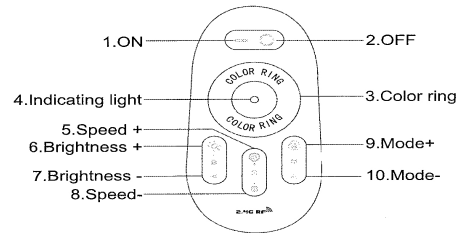
- All returns must have a copy of a paid invoice, contact information and a brief description of the reason accompanied with the return.
- Properly repack the product in the original packaging and place inside a box suitable for shipping with all the original enclosures, parts, and accessories.
- Return it with **original receipt** and postage pre-paid (we do not accept C.O.D.), add appropriate insurance.
- Shipping and packing fees are non-refundable.

Non-Returnable items: Inflatable boats, installed/mounted items, damaged goods, clearance/discount items, used and/or display items, electrical goods, light bulbs and special ordered items are not returnable, unless defective, and then for repair/replacement only. If the product is defective you must call Hurley Marine, Inc. within 10 days of receipt of the product.

DAMAGED GOODS: We thoroughly inspect all items prior to shipment. We suggest that you also thoroughly inspect the item(s) before accepting delivery. If damage is apparent, refuse delivery or if your parcel is left without a signature and damage is found contact the carrier immediately. Do not discard the box or any packaging materials. Most claims must be filed with the carrier within 10 days of receipt of delivery. Although we take special care to ensure the safe arrival of your merchandise, our responsibility for damage ends when the carrier accepts shipment.

Remote Control

Function of Keys



IV. Program List

Number	Mode	Brightness state	Speed state
1	Static white color	Adjustable	Unadjustable
2	White color gradual changes	Adjustable	Adjustable
3	All colors gradual change	Adjustable	Adjustable
4	Red/green/ blue three colors gradual change	Adjustable	Adjustable
5	Seven colors jump to change	Adjustable	Adjustable
6	Three colors jump to change	Adjustable	Adjustable
7	Red/ green jumps to change	Adjustable	Adjustable
8	Red/blue jumps to change	Adjustable	Adjustable
9	Blue/green jumps to change	Adjustable	Adjustable
10	White color frequently blinks	Adjustable	Adjustable
11	White color glitters	Adjustable	Adjustable
12	Red color frequently blinks	Adjustable	Adjustable
13	Red color glitters	Adjustable	Adjustable
14	Green color frequently blinks	Adjustable	Adjustable
15	Green color glitters	Adjustable	Adjustable
16	Blue color frequently blinks	Adjustable	Adjustable
17	Blue color glitters	Adjustable	Adjustable
18	Yellow color frequently blinks	Adjustable	Adjustable
19	Yellow color glitters	Adjustable	Adjustable
20	Circulation mode		

Notes



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Vessel Installation Instructions

- Select a mounting location best suited to your particular needs.
- Surface Mounting: Mark the position. It is good practice to use tape on the surface to be drilled then drill the hole through the tape. This will avoid scratching/chipping of the surrounding surface.
- Trim Tab Mounting: Install your lights by removing the screws on the bottom of each trim tab ram (Bennett), insert bracket and tighten screws. Brackets are universal for other planing systems. Ensure your tabs are completely in the down position when installing to allow for ample cord length.
- Fit wiring: Before proceeding to drill the above waterline wire holes, check carefully to ensure that it will not affect the operation of other equipment in close proximity, nor compromise the integrity of the structure.
- After drilling the holes apply a marine grade sealant, 3M 5200 is recommended, in the holes to ensure it is completely sealed against the ingress of moisture between lamination. Attach light and allow sealant to cure.
- Use either cable clams or apply a marine grade sealant to fill the holes to ensure it is completely sealed against water intrusion.
- Use wire ties to ensure cables will not chafe or kink. Wire loom can be used for barnacle protection.
- All wiring must be carried out by a suitably trained/qualified electrician using ABYC guidelines. With low voltage DC wiring the risk of fire may be present if wiring is not correctly installed.
- Ensure power supply wiring is of the correct size for the current draw. *Ensure wire harness will not chafe.*



Remove the 1/4"-20 x 3/4" Phillips Head Machine Screw from lower hinge. Place Trim Tab Brackets on and reinstall screws. Different hole patterns for other leveling systems.

Note: Make sure Hinge Screws are long enough as so they will not allow Hinge Pin to slip out.

- Use only approved marine grade water-tight connectors and wire. All joints must be soldered and sealed with a proprietary compound filled heat shrink tube.
- Ensure electrical supply has suitably sized fuse or other protective device to provide adequate protection of wiring and connected equipment in the event of circuit fault or short circuit.
- Dismantling of this product voids warranty.
- Do not use as a step.

Hint: Spraying lights with Silicone or putting a thin layer of Petroleum Jelly on annually will help keep algae, mussels, barnacles, etc. off.

Control Box

Main Power

Rocked Up “On” rocked down “Off”.

LED Status Light

Indicates light(s) are working.

Remote Module

2 amp fuse.

5 Amp Fuses

Each fuse used for one Light / Line.

Line 1, 2, 3 & 4

One light per line. (Red+ / Black -)

Main Power In

10 -30 volt dc power in. (Red+ / Black -)

Daisy Chain Cable

Used to add an additional Control Box to add more RGB Sea-Vue Lights or to add a Hurley Music Controller.

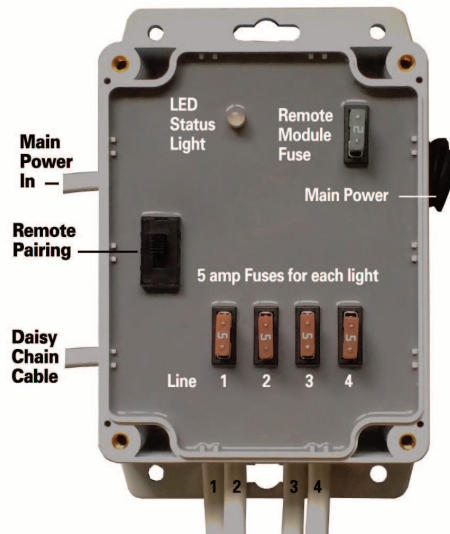
Remote Pairing

Remote pairing and synchronizing additional remotes. Switch to “Off” (down position) for 5 seconds, then within 2 seconds of switching “On” press the “Speed +” button on the remote.

Operation

With standard installation completed begin by powering up the RGB Control Box and ensure proper operation of the Hurley Marine RGB Sea-Vue™ Underwater Lights utilizing the provided RF Remote Control.

Take a moment to ensure all remote functions are properly working. Enjoy!



RGB Control Box can accommodate up to 4 RGB Sea-Vue™ Lights.

RGB Sea-Vue™



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Troubleshooting

Lights do not turn on: Check all wiring connections and fuses. Make sure voltage is between 10–30 VDC. Ensure the “Main Power” switch and “Remote Pairing” switch are in the “On” position.

Provided remote control not working: Check the state of the remote control batteries. Ensure not out of range when attempting to use remote. Make sure the “Remote Pairing” switch is in the “On” position.

Adding a new RF remote to control the lights: With the Control Box turned “On” and new RF remote in hand slide the “Remote Pairing” switch, located inside the Control Box, to the “Off” position for 5 seconds, then within 2 seconds of sliding the “Remote Pairing” switch to the “On” position press the “Speed +” button on the new remote. If the pairing was successful all lights will flash white 3 times. If the lights do not flash 3 times repeat the procedure. If the lights flash white 10 times all RF remotes will need to be re-paired to the Control Box.

When attempting to pair a remote the lights blinked white 10 times and now none of the remotes including the app are working: If a remote was already paired with the Control Box attempting to pair the remote will actually clear all paired remotes. This is indicated by the lights flashing white 10 times. In this case all RF remotes will need to go through the pairing procedure in order to reconnect them to the Control Box.

Lights seem dim: Check lenses for growth and/or debris and clean if needed. Light may be overheating which by design will cause the lights to dim in order to keep from damaging any components. Ensure sufficient water is in contact with the lights.

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